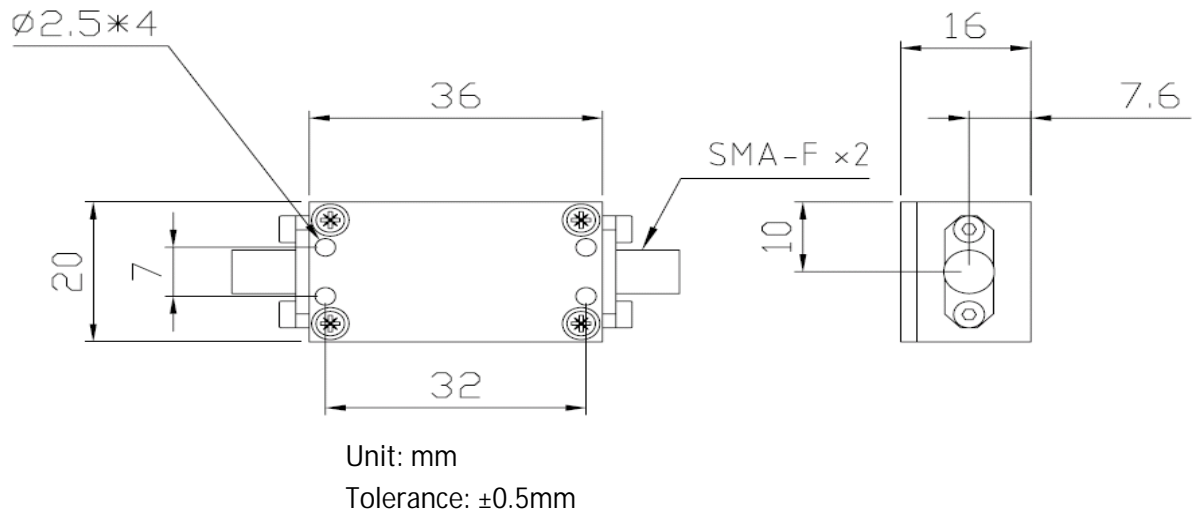


GINCOM TECHNOLOGY

GAM-16G35 Low Noise Amplifier

1. Mechanical Configuration :



2. Electrical characteristics: Typical Value @ Vs=+5V, Ta=+25°C.

- ※Frequency Range : 1.57GHz ~1.61GHz
- ※Gain : 31dB~36dB with condition -54°C ~ +85°C
- ※Noise Figure : MAX. 2.1dB with condition -54°C ~ +85°C
- ※Rejection 1 : MIN. 30dB with condition DC~1.35GHz
- ※Rejection 2 : MIN. 40dB with condition 2.2~5.0GHz
- ※P1dBm @ O/P : MIN. +15dBm into 50Ω Load
- ※I/O VSWR : MAX. 2.5 with condition Ref. to 50Ω
- ※I/P Power : MIN. +7dBm without Performance Degradation @ 2.2~5.0GHz
- ※Supply Current : MAX. 125mA when Vcc=+5V, Feed-in from RF O/P Port
- ※Connectors : RF IN: SMAF; RF OUT/DC IN: SMAF

3. Absolute maximum rating :

- ※Supply voltage : -0.2V ~ +8.0V
- ※Operating temperature range : -54°C ~ +85°C
- ※Storage temperature range : -54°C ~ +100°C

4. Environmental Screening :

- Temperature Cycling : -54°C to +100°C , 10 cycles.
- Thermal Shock : -54°C to +105°C
- Vibration : 20Hz to 2KHz , 8g , Random.